



Holly Doe
Pelham Elementary

Holly Doe has taught in a fourth grade self-contained classroom, a technology lab and most recently as a first through fifth grade enrichment teacher with a strong focus on science, technology, engineering, and mathematics (STEM).

Holly is a member of the New Hampshire Society for Technology in Education (NHSTE) and the New Hampshire Science Teachers Association. She has presented at a variety of New England conferences including the New England League of Middle Schools Conference and the Christa McAuliffe Technology Conference. Holly has coached a fourth and fifth grade LEGO League team as well as after-school robotics clubs and she is a member of the LEGO Education Advisory Panel providing leadership and feedback on STEM solutions in the elementary classroom.

The activity Holly featured in her PAEMST video was an engineering lesson involving the oceans. The activity began with a wordless picture book that drew first grade students into an imaginative world of oceans and marine animals. Students connected their knowledge of the oceans and recent recycling efforts to examine the problem of the Great Pacific Garbage Patch. Students were challenged to help solve this problem by finding an inventive way to clean the trash from the ocean. During the lesson, students participated in all aspects of the engineering design process from planning, to creating and finally improving their designs.

Holly has a BS in Elementary Education from the University of Maine at Farmington and a MEd in Technology in Education from Lesley University. She most recently “graduated” from the Space Camp program at the U.S. Space and Rocket Center in Huntsville, Alabama. She is an advocate of project-based learning and the infusion of STEM in the early grades and believes that anything can be taught with a block or a book.

State of New Hampshire Department of Education

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